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<b>Source:</b>	<a href="#">Electronic Design</a> ; 9/18/95, Vol. 43 Issue 19, p125, 1/2p	
<b>Document Type:</b>	Article	
<b>Subject Terms:</b>	* <a href="#">SCREEN savers (Computer programs)</a>	
<b>Abstract:</b>	Presents a computer program which can act as a screen saver for DOS-based systems. Blanking of screen until a key is pressed.	
<b>ISSN:</b>	0013-4872	
<b>Accession Number:</b>	9510160713	
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<b>Document Type:</b>	Article	
<b>Subject Terms:</b>	* <a href="#">BRAIN -- Wounds &amp; injuries</a>	
<b>Abstract:</b>	Evaluates the efficacy of a <b>computer-assisted attention</b> retraining program with 29 outpatients suffering from moderate to severe traumatic brain injury. Predicts that subjects of the <b>attention</b> training would improve on measures of <b>attention</b> but not or only to a marginal degree on memory tests, while the opposite was predicted for the memory group. Method and results.	
<b>ISSN:</b>	0022-006X	
<b>Accession Number:</b>	9101280857	
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<b>Authors:</b>	<a href="#">Sano, Mary</a>	
<b>Source:</b>	<a href="#">American Behavioral Scientist</a> ; May/Jun88, Vol. 31 Issue 5, p588, 7p	
<b>Document Type:</b>	Article	
<b>Subject Terms:</b>	* <a href="#">OLDER people</a> * <a href="#">ATTENTION -- Testing</a> * <a href="#">COMPUTERS</a>	
<b>NAICS/Industry Codes:</b>	<a href="#">334111</a> Electronic Computer Manufacturing <a href="#">423430</a> Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	
<b>Abstract:</b>	Focuses on the use of <i>computers</i> in assessing <i>attention</i> and concentration problems in the elderly. Processes of independent <i>attention</i> ; Considerations for the computerized testing of the elderly.	
<b>ISSN:</b>	0002-7642	
<b>Accession Number:</b>	4665175	
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<b>Document Type:</b>	Article	
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<b>ISSN:</b>	0013-4872	
<b>Accession Number:</b>	9510160713	
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<b>Title:</b>	<b>Instant screen saver.</b> <a href="#">Find More Like This</a>
<b>Source:</b>	<a href="#">PC Computing</a> ; Feb93, Vol. 6 Issue 2, p342, 1/4p, 1c
<b>Document Type:</b>	Article
<b>Subject Terms:</b>	* <a href="#">COMPUTER programming</a>
<b>NAICS/Industry Codes:</b>	<a href="#">541511</a> Custom Computer Programming Services
<b>Abstract:</b>	Presents a way to improve system security in Windows 3.1. Setting up a Program Manager icon; Adding <i>screen saver</i> to executable programs; Specifying a hotkey; Password protection.
<b>ISSN:</b>	0899-1847
<b>Accession Number:</b>	9307275381
<b>Persistent link to this record:</b>	<a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=aph&amp;AN=9307275381&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=aph&amp;AN=9307275381&amp;site=ehost-live</a>
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<b>Authors:</b>	<a href="#">Deurbrouck, John</a>	
<b>Source:</b>	<a href="#">PC Magazine</a> ; 04/23/96, Vol. 15 Issue 8, p215, 5p, 3c	
<b>Document Type:</b>	Article	
<b>Subject Terms:</b>	*COMPUTER software *SCREEN savers (Computer programs)	
<b>NAICS/Industry Codes:</b>	443120 Computer and Software Stores	
<b>Abstract:</b>	Discusses SCInvoke, which controls a personal computer screen saver. The usefulness of the password feature of screen savers; Installation of SCInvoke; SCInvoke options; The removal of the product; The ability to program SCInvoke; Persistent window placement; Overcoming Windows 95 difficulties. INSETS: The top 10 utilities; Guide to our utilities.	
<b>ISSN:</b>	0888-8507	
<b>Accession Number:</b>	9703135116	
<b>Persistent link to this record:</b>	<a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=aph&amp;AN=9703135116&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=aph&amp;AN=9703135116&amp;site=ehost-live</a>	
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<b>Authors:</b>	<a href="#">Gardner, Carrie</a>	
<b>Source:</b>	<a href="#">School Library Media Quarterly</a> ; Winter96, Vol. 24 Issue 2, p113, 1/9p	
<b>Document Type:</b>	Article	
<b>Subject Terms:</b>	<a href="#">*SCREEN savers (Computer programs)</a>	
<b>Company/Entity:</b>	<a href="#">IVN Communications Inc.</a>	
<b>Abstract:</b>	Introduces <i>IVN Communications Inc.'s screen saver program</i> A Celebration of Life. Features of the software.	
<b>ISSN:</b>	0278-4823	
<b>Accession Number:</b>	9602126038	
<b>Persistent link to this record:</b>	<a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=aph&amp;AN=9602126038&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=aph&amp;AN=9602126038&amp;site=ehost-live</a>	
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SECTION: Section C; Page 10; Column 4; Business/Financial Desk

LENGTH: 725 words

HEADLINE: Patents;

Imagine an online classroom that chastises inattentive students and administers pop quizzes.

BYLINE: By Teresa Riordan

BODY:

THE idea of online learning got a lot of attention recently when Michael J. Saylor, the head of MicroStrategy Inc., announced he was putting \$100 million toward creating a free, online university. Even so, much online learning thus far consists of regular lecture-hall fare simply repackaged for the Internet.

But what if an online classroom could feature a computerized professor who teaches by Socratic method, administers pop quizzes, sounds an alarm when inattentive scholars snooze during lectures and kicks students out of the discussion when they start asking stupid questions?

Peter Tong and Chi Fai Ho contend that they have invented just such an educational system and that they are acquiring a patent portfolio that broadly covers their approach to online learning. Last month, they received their 10th such patent, for a system that monitors and responds to the learning of students in a virtual classroom, both individually and as a group.

Their learning system is powered in part by an automated natural-language search engine created by Mr. Tong and Mr. Ho. They contend that their search engine, the basis for their company, ProfessorQ, bears some resemblance to the one powering the popular AskJeeves reference site.

Indeed, two M.I.T. professors received a lot of attention recently for suing AskJeeves over a patent. But they are not the only ones. Mr. Tong and Mr. Ho last summer filed a lawsuit in the Northern District of California against AskJeeves, saying that the company infringes on three of their search-engine patents.

Mr. Tong and Mr. Ho contend that their patents cover the Socratic method -- as long as it is a computer that is asking the questions. This computer "allows you to learn through questioning," Mr. Tong said. "Based on your answers, the computer knows your level of understanding -- whether you need to review material or move on."

In the case of an online classroom, Mr. Tong said, the computerized professor also learns from and responds to group dynamics.

"For example, if someone is constantly asking irrelevant questions and disrupting the discussion," Mr. Tong said, "the computer can send a message saying, 'Wouldn't it be better if you were more focused in the subject area?'" And if the irritating student persists with the nongermene questions? "The computer can shut down his communications link," Mr. Tong said.



## Patents;Imagine an online classroom that chastises inattentive students

Another of the Tong-Ho patents covers software that prevents students from doing fun things, like playing music or games, on their computers until they have finished a prescribed amount of homework.

Yet another patent covers the technology that monitors a student's attentiveness with a video camera that, while perched on a computer, is constantly patrolling for drooping eyes and nodding heads.

Ideally, however, Mr. Tong said, the computer observes passively -- by noting whether the student's response time to questions is slower than usual, for example. "The monitoring part is not intrusive," he said. "It's not like some systems that monitor your brain waves, where you have to put gear on your head."

So what will the computerized professor do if it catches you slacking?

"It can yell at you and say, 'Wake up!' " Mr. Tong said. "Or it can suddenly play a piece of music or change the screen display."

Mr. Tong knows a thing or two about old-fashioned academia. Like Mr. Ho, he has a Ph.D. in computer science from the California Institute of Technology; he also has a law degree and an M.B.A. This month, the former product manager at Hewlett-Packard quit his day job as a patent lawyer so he could devote his full attention to ProfessorQ.

The Tong-Ho prototype of the digital professor is rather primitive, Mr. Tong said, because thus far the two inventors have been unable to attract much investment capital for the project. In part, Mr. Tong says, this is because he and Mr. Ho are "a couple of technologists who don't know anything about marketing."

Moreover, it's an idea ahead of its time, Mr. Tong contends. "One can have great technology, but when one is ahead of the game, people won't be buying it. We're waiting for the industry to be ready, and then we'll develop it." In the meantime, Mr. Tong said, the two are concentrating their efforts on their search engine.

Mr. Tong and Mr. Ho were most recently awarded patent 6,029,043. -

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